

706

TYPICAL
MANEUVERING CAPABILITY

GLIDE WEIGHT

BANK ANGLE, ϕ , DEG.

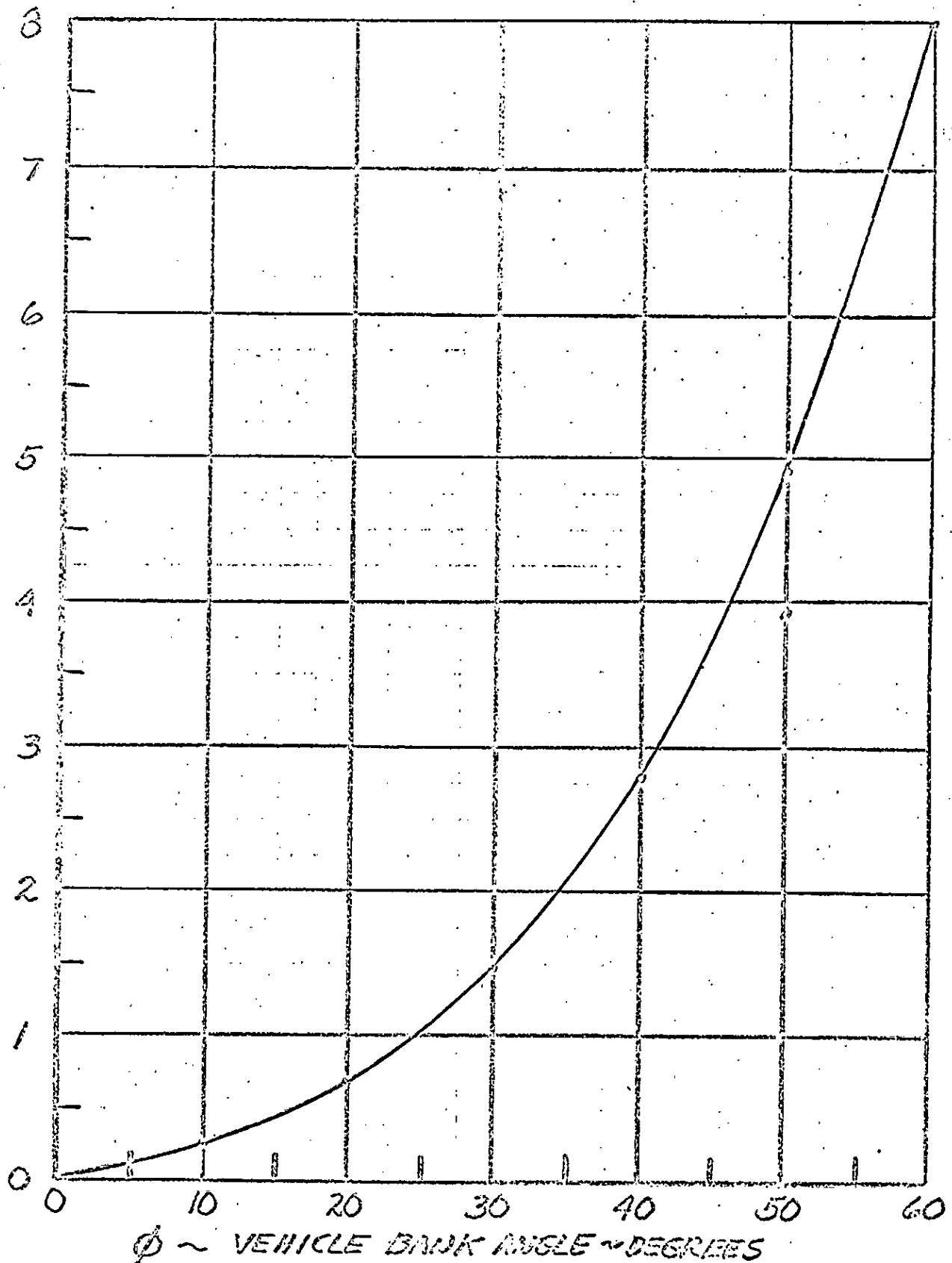
80
60
40
20
0

STRUCTURAL LIMIT

HEATING LIMIT

0 5 10 15 20 25
MACH NUMBER

PERCENTAGE INCREASE IN LOWER SURFACE ABSOLUTE TEMPERATURE



NOTE: BASE CONDITION - $V = 21,350 \text{ FT/SEC}$, $h = 200,000 \text{ FT}$.
 $\phi = 0^\circ$, $\alpha_L = 5^\circ$, $C_L = 0.0625$

MANEUVERING CAPABILITY

